

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 19, 2003, 09:31:24 ; Search time 158 Seconds

(without alignments)
6352.565 Million cell updates/sec

Title: US-09-494-297-1

Perfect score: 2274

Sequence: 1 atgaaaaaaaggttcc.....ggataagaacaatgactag 2274

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

1: Issued_Patents_NA:*
2: /cgn2_6/ptodata/1/lna/5A.COMB.seq:*
3: /cgn2_6/ptodata/1/lna/5B.COMB.seq:*
4: /cgn2_6/ptodata/1/lna/6A.COMB.seq:*
5: /cgn2_6/ptodata/1/lna/6B.COMB.seq:*
6: /cgn2_6/ptodata/1/lna/Backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	53.4	2.3	7218	1	US-08-232-463-14
C 2	50.2	2.2	15016	4	US-09-601-198-60
C 3	49.6	2.2	3095	6	5231168-1
C 4	48.2	2.1	876	3	US-08-446-137B-3
C 5	48.2	2.1	3279	3	US-08-446-137B-1
C 6	48.2	2.1	20674	4	US-09-641-638-651
C 7	47.4	2.1	1664976	4	US-08-916-421B-1
C 8	47	2.1	1785	4	US-09-601-198-156
C 9	47	2.1	2418	4	US-09-601-198-61
C 10	46.8	2.1	5340	4	US-09-627-122-21
C 11	46.8	2.1	1664976	4	US-08-916-421B-1
C 12	46.6	2.0	10640	4	US-09-417-485D-5
C 13	46.4	2.0	5361	3	US-08-973-462-2
C 14	46.4	2.0	6152	3	US-08-973-462-1
C 15	45.4	2.0	1380	4	US-09-491-785-1
C 16	44.8	2.0	3308	3	US-08-714-918-68
C 17	44.8	2.0	3308	3	US-09-265-315-68
C 18	44.8	2.0	3308	3	US-09-265-315-68
C 19	44.8	2.0	3308	3	US-09-265-315-68
C 20	44.6	2.0	19124	2	US-08-487-826B-13
C 21	44.4	2.0	5652	4	US-09-601-198-75
C 22	44.4	2.0	14066	4	US-09-601-198-56
C 23	43.4	1.9	732	4	US-09-601-198-112
C 24	43.4	1.9	1149	4	US-09-601-198-151
C 25	43.2	1.9	20674	4	US-09-641-638-651
C 26	43	1.9	1329	4	US-09-134-001C-196
C 27	42.8	1.9	1107	4	US-09-134-001C-1072

28	42.4	1.9	429	1	US-07-710-361-6	Sequence 6, Appl1
29	42.4	1.9	943	4	US-09-071-035-179	Sequence 179, App
30	42.4	1.9	1023	4	US-09-071-035-177	Sequence 177, App
31	42.4	1.9	1055	1	US-08-702-344-18	Sequence 18, Appl
32	42.4	1.9	1405	1	US-07-710-361-3	Sequence 3, Appl1
33	42.4	1.9	1956	4	US-08-559-896B-1	Sequence 1, Appl1
34	42.4	1.9	2210	1	US-07-710-361-2	Sequence 2, Appl1
35	42	1.8	2043	4	US-09-601-198-161	Sequence 181, App
C 36	41.8	1.8	636	4	US-09-601-198-112	Sequence 12, Appl
C 37	41.8	1.8	1374	4	US-09-601-198-131	Sequence 131, App
C 38	41.8	1.8	4507	2	US-08-568-459A-3	Sequence 3, Appl1
C 39	41.8	1.8	4507	2	US-08-487-826B-3	Sequence 3, Appl1
C 40	41.8	1.8	4507	4	US-09-210-288-3	Sequence 3, Appl1
C 41	41.8	1.8	11091	4	US-09-134-001C-2243	Sequence 2243, Ap
C 42	41.6	1.8	2223	1	US-08-257-073-4	Sequence 4, Appl1
C 43	41.6	1.8	3396	4	US-09-601-198-74	Sequence 74, Appl
C 44	41.4	1.8	747	4	US-09-328-352-876	Sequence 876, App
C 45	41.4	1.8	2814	1	US-07-781-034-1	Sequence 1, Appl1

ALIGNMENTS

RESULT 1
US-08-232-463-14/C
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300, 6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: PTZgpt-fls
; US-08-232-463-14
Query Match 2.3%; Score 53.4; DB 1; Length 7218;

Best Local Similarity 9.3%; Pred. No. 0.003;
Matches 42; Conservative 215; Mismatches 196; Indels 0; Gaps 0;

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QY 1780 GAAGATAAAAGAGTTATACCTGATCATATTAACATTGAGAAAAACGGTACT 1839
Db 1463 GTATTGTAAGATAGATGATTTGTCACRRRRRRRRRRRRRRRRRRRRRRRR 1404
QY 1840 GATTACCTGTGACAGACTAAAGATTTCATTGTAATTAATAAATAAATAG 1899
Db 1403 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1344
QY 1900 CAAGATTGCTTTCTCAACCTGTTAAACAGATTAACAAACCTCGAATTTAAGATGT 1959
Db 1343 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1284
QY 1960 AAAGCAACCTTAATTTAAACATGGGAAAGTTAAGCTTCAAGTTTACCGAAGGT 2019
Db 1283 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1224
QY 2020 TATTTCTACCTGTCAAGAAACAGATTCTGAAGCTATAGTTAAGTTAATAGCCAA 2079
Db 1223 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1164
QY 2080 GAAGTAGCAATGCTACAGTTTCAAAAACAGAAATAACAAGTGAGACACTTCTTTT 2139
Db 1163 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1104
QY 2140 GAAATATATAAGAGCCTGTGTCTCAGAGAGGTGATCAAAAGATCAATGGCTATCTA 2199
Db 1103 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1044
QY 2200 GCTTTGATAGTTATCGCTGTATCAGTTTGGGG 2232
Db 1043 GCCAAGCTCGGAATTAATCTGTGAGCGTATGG 1011

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RESULT 2
US-09-601-198-60/c

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; Sequence 60, Application US/09601198
; Patent No. 6531583
; GENERAL INFORMATION:
; APPLICANT: Cassell, Gail H.
; APPLICANT: Chen, Ellison Y.
; APPLICANT: Glass, Jennifer S.
; APPLICANT: Glass, John I.
; APPLICANT: Heiner, Cheryl R.
; APPLICANT: Leftkowitz, Elliot
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHOD FOR DETECTING UREAPLASMA
; TITLE OF INVENTION: UREAPLASMICOM
; FILE REFERENCE: UAB-13452/22
; CURRENT APPLICATION NUMBER: US/09/601,198
; CURRENT FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/073,189
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 181
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 60
; LENGTH: 15016
; TYPE: DNA
; ORGANISM: Ureaplasma urealyticum
US-09-601-198-60

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Query Match 2.2%; Score 50.2; DB 4; Length 15016;
Best Local Similarity 47.5%; Pred. No. 0.021;
Matches 182; Conservative 0; Mismatches 198; Indels 3; Gaps 1;

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QY 1781 AAGATAAAAGAGTTATACCTGATCATATTAACATTGAGAAAAACGGTACTG 1840
Db 7274 ATGTTAAATATGCTTTATTAATCAACGCAAAATGCTAATTAATTAACAATATTCAA 7215
QY 1841 GTTACGTGTGACAGACTAAAGATTTCCATTGTAATTTGAATTTAAATAATATAGC 1900
Db 7214 TTAATAATGATCAACAAATTAACAAATTTATTTGTAATTTGATATGATTAATTAATCTT 7155

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QY 1901 AAGATTGCTTTCTCAACCTGTTAAACAGATTAACAAACCTCGAATTTAAGATGTA 1960
Db 7154 TAAATCAAGATTATGATTAATTTGAAATTTAGTTTGTATTAATTAACATTCATGCGCAT 7095
QY 1961 AAGCAACCATTAATTTAAACATGGGAAAGTTTAACACTTCAAGTTTACGAAAGTTT 2020
Db 7094 TTGGTAAATTAATGATGATACCA--ACATGCTTTAGCTTTTAAGTACTAATATACAG 7038
QY 2021 ATTCTTACCTTTCAGAAAGAAAGATTTCTAGAGCTTAAGGTTAAAGTTAATAGCCAAG 2080
Db 7037 ATATAAATCAAAAATGCTTTAGATTGTGAAGTTAATTAAGTTACATTAATAAACAG 6978
QY 2081 AAGTAGCAATGTACAGTTTCAAAAACAGAAATTAACAGTGATGAGACACTTGTGTTG 2140
Db 6977 ATCTTGATTTATGATCAAAACACCAAGTTTGTGACCGATTGAATTAAGTTTAATTTAT 6918
QY 2141 AAATAATTAAGAGCCGTGTTT 2163
Db 6917 TAAACATTAAGTACATTCGTGTT 6895

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RESULT 3
5231168-1
; Patent No. 5231168
; APPLICANT: DIEGIEL, MORTEN;BORRE, MARTIN;JEPSEN, SOREN;
; VUUST, JENS;RIENECK, KLAUS;WIND, ANNETTE;JAKOBSEN, PALLE H.
; TITLE OF INVENTION: MALARIA ANTIGEN
; NUMBER OF SEQUENCES: 19
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/409,658
; FILING DATE: 18-SEP-1989
; SEQ ID NO:1:
; LENGTH: 3095

Query Match 2.2%; Score 49.6; DB 6; Length 3095;
Best Local Similarity 42.4%; Pred. No. 0.018;
Matches 268; Conservative 0; Mismatches 364; Indels 0; Gaps 0;

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QY 1453 GTAATTGAGAAGGTTACAGAGGAAAAAGCAACGATTTAGTATAGTGTCTAAGTAC 1512
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QY 1513 ACACATTTGGCTGGCTACTACTAGTACATATTAATTTCTACTAGTGTGCAATTA 1572
Db 1117 GATGATTAAGAGTGCACATATTCAGCATGAATATAGTAGAAGTAAAGAAATCTCCAGAA 1176
QY 1573 GATAAGGATAAATAAAGACTATCATGTTTGGAGACATGAATGATAGTACTTACGA 1632
Db 1177 GATGATTAAGATAAAGAAAGTTGAACATGAATATAGTAGAAGTGAAGAAATTTACAGAA 1236
QY 1633 GTTGCTAAATCTTGTAGATATAGCTGCAAGATAGTATCTCCACAGCTAAGTACCTT 1692
Db 1237 GATTAATAATGAAAAAGGTCACATGAATATGTAGAGGTTGAAGAAATTTTACACAGAA 1296
QY 1693 GATTTCTTTATTCGAAATTAACATTAATATCAATCTCTTATTTGAACCTCGTGAATCCA 1752
Db 1297 GATTAATAATGAAAAAGTTGACATGAATATAGTAGAAGTGAAGAAATTTTACACAGAA 1356
QY 1753 GAAGATTTAGTATATTTATTTGATGGAAGATTAATAAAGAAAGTATTAACCTGTAAC 1812
Db 1357 AAAAAATGAAGAGTCAACATGAATATAGTAGAAGTGAAGAAATTTTACACAGAAATTA 1416
QY 1813 AATTTACATTTGAGAAAAAGGTCATGTTTGTGCTGTGACGAAGCTAAGATTTCCAT 1872
Db 1417 AATGAATAAGTGAACATGAATATAGTAGAAGTGAAGAAATTTTACACAGAAATTA 1476
QY 1873 TTTGAATTAATTAATAAATAATATTAAGCAAGAAATTTCTTCAACCTGTTAAACAGAT 1932
Db 1477 GAAAAAGCTCAACATGAATATAGTAGAGTTGAAGAAATTTCTTCAACAGATTAATAATGA 1536
QY 1933 AAAACAACCTCGAATTTAAGATGTTAAGTAAAGCAACCATTAATTAACATGGGAAAGT 1992

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Db 1537 AAAGTCAACATGAATAAGTAGTAAGTGAAGAAATTCACAGAGAAATGAAGAAAAA 1596
OY 1993 TTAACACTTCAAGGTTTACCAAGAGGTTATTCTTACCTGTCCAAGAAACAGATTCTGAA 2052
Db 1597 GGTCACATGAAAAGTAGAGAGTTGAAGAAATTCACAGAGAAATGAAGAAAAA 1656
OY 2053 GGCTATAGGTTAAAGTTAATAGCCAGAGAGT 2084
Db 1657 GGTCAACATGAATAAGTAGAGGTTGAAGAAAT 1688

RESULT 4
US-08-446-137B-3
: Sequence 3, Application US/08446137B
: Patent No. 6162903
: GENERAL INFORMATION:
: APPLICANT: Trowern, Angus R.
: APPLICANT: Atkinson, Anthony
: APPLICANT: Murphy, Jonathan P.
: APPLICANT: Laurence, Oliver S.
: APPLICANT: Dugleby, Clive J.
: TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEINS DERIVED
: FROM L PROTEIN AND THEIR USES
: NUMBER OF SEQUENCES: 12
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: SEED and BERRY LLP
: STREET: 6300 Columbia Center, 701 Fifth Avenue
: CITY: Seattle
: STATE: Washington
: COUNTRY: USA
: ZIP: 98104
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/446,137B
: FILING DATE: 22-MAY-1995
: CLASSIFICATION: 514
: ATTORNEY/AGENT INFORMATION:
: NAME: Mcmasters, David D.
: REGISTRATION NUMBER: 33,963
: REFERENCE/DOCKET NUMBER: 100084.406
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206) 622-4900
: TELEFAX: (206) 682-6031
: INFORMATION FOR SEQ ID NO: 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 876 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEICAL: NO
: ANTI-SENSE: NO
: FRAGMENT TYPE: N-terminal
: ORIGINAL SOURCE:
: ORGANISM: Peptostreptococcus
: STRAIN: 1018
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 1..876
: US-08-446-137B-3

Query Match 2.1%; Score 48.2; DB 3; length 876;
Best Local Similarity 46.7%; Pred. No. 0.026;
Matches 189; Conservative 0; Mismatches 213; Indels 3; Gaps 1;

OY 1061 ATAGTATCGACAGACCAATACCTTTAAGGTTGAAGTGGCAAGTATATATATATG 1120
Db 362 AAATGCGCAATATACAGACTTGAAGATGCTGGAACACACATTAATTAATTTG 421

OY 1121 ATGGAACACAGATTGAAATATCCATATAGAGATAGTACCTTACTACTAGACAT 1180
Db 422 CTGGAAGAAACACACCAAGAACACCAGAAACCAAGAAAGATTAATCAATCAAGTA 481
OY 1181 ATATAGATTGAGAAATTTAGCGTTTAACTACACAAACTATGCAAAATTTATATG 1240
Db 482 ACTTATCTTTGCGAGATGGAAGATACAAACAGCAAGATTTAAAGAAACATTTGAGAG 541
OY 1241 CAAAAATVAAAATGGAAGTTACAGAGTTGCTATATGCTTAAATGACAGATCTAAAATCTC 1300
Db 542 CAACA---GCAAAAGCTTATGCTTATGCAACTATTATGCAAAAGAAATGGCGAATTA 598
OY 1301 CACCAAGACTCGAAGATGTTGGGAAACAAATGACTCCAGACTTTACAACAGAGAGTAA 1360
Db 599 CAGCAGACTTGAAGATGTTGGAACACAAATCAATTAATTTGCTGGAAGAAACAC 658
OY 1361 AATACACTCATATTGACAGTGTGACCTCTTAAATATAGTGAACCAAGAGATACCG 1420
Db 659 CAGAAACACCAAGAAACCAAAAGAGAGTTTACAATCAAGTTAACTTATCTTTGAG 718
OY 1421 ATCTGACACTTTCTTAAACATATCAAAAAAGTAATTGAGAGG 1465
Db 719 ATGGAAGAAACACAAACAGCAGATTCAGAAAGACATTTGAGAGAG 763

RESULT 5
US-08-446-137B-1
: Sequence 1, Application US/08446137B
: Patent No. 6162903
: GENERAL INFORMATION:
: APPLICANT: Trowern, Angus R.
: APPLICANT: Atkinson, Anthony
: APPLICANT: Murphy, Jonathan P.
: APPLICANT: Laurence, Oliver S.
: APPLICANT: Dugleby, Clive J.
: TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEINS DERIVED
: FROM L PROTEIN AND THEIR USES
: NUMBER OF SEQUENCES: 12
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: SEED and BERRY LLP
: STREET: 6300 Columbia Center, 701 Fifth Avenue
: CITY: Seattle
: STATE: Washington
: COUNTRY: USA
: ZIP: 98104
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/446,137B
: FILING DATE: 22-MAY-1995
: CLASSIFICATION: 514
: ATTORNEY/AGENT INFORMATION:
: NAME: Mcmasters, David D.
: REGISTRATION NUMBER: 33,963
: REFERENCE/DOCKET NUMBER: 100084.406
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206) 622-4900
: TELEFAX: (206) 682-6031
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 3279 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEICAL: NO
: ANTI-SENSE: NO
: FRAGMENT TYPE: N-terminal
: ORIGINAL SOURCE:

ORGANISM: Peptostreptococcus asaccharolyticus
STRAIN: 1018
FEATURE:
NAME/KEY: exon
LOCATION: 103..3186
IDENTIFICATION METHOD: experimental
OTHER INFORMATION: /codon_start= 280
OTHER INFORMATION: /product= "mature protein L"
OTHER INFORMATION: /evidence= EXPERIMENTAL
OTHER INFORMATION: /number= 1
FEATURE:
NAME/KEY: CBS
LOCATION: 103..3186
OTHER INFORMATION: /codon_start= 103
OTHER INFORMATION: /product= "immature protein L"
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 280..3183
OTHER INFORMATION: /codon_start= 280
OTHER INFORMATION: /product= "mature protein L"
FEATURE:
NAME/KEY: misc_signal
LOCATION: 208..279
US-08-446-137B-1

Query Match 2.1%; Score 48.2; DB 3; Length 3279;
Best Local Similarity 46.7%; Pred. No. 0.039;
Matches 189; Conservative 0; Mismatches 213; Indels 3; Gaps 1;

QY 1061 ATAGTATCGAGAGCCATCATCTTTAGGTGAGTGGCAAGTATATCTATTG 1120
DB 1310 AAATGCGCAATATACGAGACTTAGAGTGGTGAACACATCACTTAATTTG 1369
QY 1121 ATGAAACAGATTTGAAATCCCAATTAAGAGATAGAGCCCTTACTCGTGAACAT 1180
DB 1370 CTGGAAGAGAAACACCAAGAACACAGAACCAAAAGAGAGTTACATCAAGTTA 1429
QY 1181 ATATGATTTTGAAGATTTAGCGTTTAACTACACAAACCTATGCAAAATTTTATG 1240
DB 1430 ACTTAATCTTTCAGATGAAAGATACAAACAGACAGAAATCAAGAAATTTGAAGAG 1489
QY 1241 CAAAAATAAATGAGAGTTCACAGTTCCTATTCCTTAATGCAGATCTAAATCTC 1300
DB 1490 CAACA--GCAAAAGCTTATGCTTATGCAAACTTATAGCAAAAGAAATGGCGAATTA 1546
QY 1301 CACCAGACTCTGAAGTGTGGGAAACATGACTCGACTTTACACAGAGAGTAA 1360
DB 1547 CAGCAGACTTAGAAGATGTGGAAACCAATCAACATTAATTTGCTGGAAAGAAACAC 1606
QY 1361 AATACACTCATATTGCGAGGTGACCTCTTAAATATACTGTAAACCAAGAGATACCG 1420
DB 1607 CAGAAACACCAAGAAACCAAAAGAGAAAGTTACAAATCAAAAGTTAATCTTTCAG 1666
QY 1421 ATCTGACACTTCTTAAACATATCAAAAAAGTAATGGAAGG 1465
DB 1667 ATGAAAAACCAACAGCAGAAATTCAAAGAACATTTGAAGAG 1711

RESULT 6

US-09-641-638-651
Sequence 651, Application US/09641638
Patent No. 6432648
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
APPLICANT: Bougueleret, Lydie
APPLICANT: Chumakov, Ilya
APPLICANT: Cohen, Annick
TITLE OF INVENTION: BILIBELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
TITLE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
FILE REFERENCE: GENSET-051CPL
CURRENT APPLICATION NUMBER: US/09/641,638
CURRENT FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 09/502,330

PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: US 60/133,200
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 09/275,267
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: US 60/119,917
PRIOR FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 1304
SOFTWARE: Patent.pm
SEQ ID NO 651
LENGTH: 20674
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1123..3123
OTHER INFORMATION: 5'regulatory region
NAME/KEY: exon
LOCATION: 3124..3297
OTHER INFORMATION: exon 1
NAME/KEY: exon
LOCATION: 3871..4072
OTHER INFORMATION: exon 2
NAME/KEY: exon
LOCATION: 5552..5633
OTHER INFORMATION: exon 3
NAME/KEY: exon
LOCATION: 5758..5880
OTHER INFORMATION: exon 4
NAME/KEY: exon
LOCATION: 5996..6099
OTHER INFORMATION: exon 5
NAME/KEY: exon
LOCATION: 6349..6509
OTHER INFORMATION: exon 6
NAME/KEY: exon
LOCATION: 7379..7522
OTHER INFORMATION: exon 7
NAME/KEY: exon
LOCATION: 8645..8854
OTHER INFORMATION: exon 8
NAME/KEY: exon
LOCATION: 12254..12340
OTHER INFORMATION: exon 9
NAME/KEY: exon
LOCATION: 12854..13023
OTHER INFORMATION: exon 10
NAME/KEY: exon
LOCATION: 13308..13429
OTHER INFORMATION: exon 11
NAME/KEY: exon
LOCATION: 16567..16667
OTHER INFORMATION: exon 12
NAME/KEY: exon
LOCATION: 16775..16945
OTHER INFORMATION: exon 13
NAME/KEY: exon
LOCATION: 17063..17554
OTHER INFORMATION: exon 14
NAME/KEY: misc_feature
LOCATION: 17555..20674
OTHER INFORMATION: 3'regulatory region
NAME/KEY: allele
LOCATION: 1128
OTHER INFORMATION: 10-508-191 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 1182
OTHER INFORMATION: 10-508-245 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 1559
OTHER INFORMATION: 10-509-284 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 1570

OTHER INFORMATION:	10-509-295	: deletion of C
NAME/KEY:	allele	
LOCATION:	1827	
OTHER INFORMATION:	10-510-173	: variable motif ATTGA or TTTT
NAME/KEY:	allele	
LOCATION:	2048	
OTHER INFORMATION:	10-511-62	: polymorphic base C or T
NAME/KEY:	allele	
LOCATION:	2323	
OTHER INFORMATION:	10-511-337	: insertion of T
NAME/KEY:	allele	
LOCATION:	2341	
OTHER INFORMATION:	10-512-36	: polymorphic base G or C
NAME/KEY:	allele	
LOCATION:	2623	
OTHER INFORMATION:	10-512-318	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	2832	
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NAME/KEY:	allele	
LOCATION:	2844	
OTHER INFORMATION:	10-513-262	: polymorphic base C or T
NAME/KEY:	allele	
LOCATION:	2934	
OTHER INFORMATION:	10-513-352	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	2947	
OTHER INFORMATION:	10-513-365	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	3802	
OTHER INFORMATION:	12-206-81	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	4062	
OTHER INFORMATION:	10-343-231	: deletion of C
NAME/KEY:	allele	
LOCATION:	4088	
OTHER INFORMATION:	12-206-366	: polymorphic base C or T
NAME/KEY:	allele	
LOCATION:	4109	
OTHER INFORMATION:	10-343-278	: polymorphic base C or T
NAME/KEY:	allele	
LOCATION:	4170	
OTHER INFORMATION:	10-343-339	: polymorphic base G or T
NAME/KEY:	allele	
LOCATION:	5903	
OTHER INFORMATION:	10-346-23	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	6019	
OTHER INFORMATION:	10-346-141	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	6141	
OTHER INFORMATION:	10-346-263	: polymorphic base G or C
NAME/KEY:	allele	
LOCATION:	6183	
OTHER INFORMATION:	10-346-305	: polymorphic base C or T
NAME/KEY:	allele	
LOCATION:	6338	
OTHER INFORMATION:	10-347-74	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	6375	
OTHER INFORMATION:	10-347-111	: polymorphic base G or C
NAME/KEY:	allele	
LOCATION:	6429	
OTHER INFORMATION:	10-347-165	: polymorphic base C or T
NAME/KEY:	allele	
LOCATION:	6467	
OTHER INFORMATION:	10-347-203	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	6484	
OTHER INFORMATION:	10-347-220	: polymorphic base A or G
NAME/KEY:	allele	
LOCATION:	6534	
OTHER INFORMATION:	10-347-271	: polymorphic base A or T

[illegible]

[illegible]

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; LOCATION: (1084830)..(1084830)
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; NAME/KEY: misc.feature
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; LOCATION: (1119881)..(1119881)
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; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc.feature
; LOCATION: (1637998)..(1637998)
; OTHER INFORMATION: n equals a, t, c, or g
; NAME/KEY: misc.feature
; LOCATION: (1664854)..(1664854)
; OTHER INFORMATION: n equals a, t, c, or g
; US-08-916-421B-1

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Query Match 2.1% Score 47.4; DB 4; Length 1664976;
 Best Local Similarity 46.3%; Pred. No. 0.42;
 Matches 156; Conservative 0; Mismatches 181; Indels 0; Gaps 0;

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QY 1778 TGAAGATTAAGAAAGAGTATACCTGTAATTTAAACATTGAGAAAACGGTGA 1837
DB 201070 TTGATTAATTAAGAAATATTAGTCTAAGTGAAGAAATTAAGAGCTTAAGATTA 201129
QY 1838 CTGCTTACCTGCTGACGAAGTAAAGATTTCCATTGGAATTAATTAAGATTAATA 1897
DB 201130 AAGATGGCTTGAAAGATTTAATATATGCACTTAAGATTTTACCAATGATTAACA 201189
QY 1898 AGCAGAAATGCTTCTCAAACTGTTAAACAGATAAAACCACTCGAATTTAAGATG 1957
DB 201190 TTAAGAGAAATTAATTAAGAAAGATTTGAAATTTACCTAAACAATAATTTAGAG 201249
QY 1958 GTAAAGCAACATTAAATTTAAACATVGGGAAAGTTTAACACTTCAGGTTTACGAG 2017
DB 201250 TTAATTAAGAAATTAATGATTAAGAAAGAAATVCTCACTTAACCAAAACCTGATG 201309
QY 2018 GTTATTTTACCTTGTCAAGAAACAGATTTGAAAGCTATTAAGTTAAAGTTATAGCC 2077
DB 201310 AAATTAACCTAATTAAGAAAGAAACATTAATAAAAGAGCTTATGTAATTAAGAGAC 201369
QY 2078 AAGAGTAGCAAAATGCTACAGTTTCAAAAACAGAAAT 2114
DB 201370 AAGAACTTGATTAAGCTAAGAGACAAACAAACAGAAAT 201406

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RESULT 8

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US-09-601-198-156/c
; Sequence 156; Application US/09601198
; Patent No. 6531583
; GENERAL INFORMATION:
; APPLICANT: Cassell, Gail H.
; APPLICANT: Chen, Ellison Y.
; APPLICANT: Glass, Jennifer S.
; APPLICANT: Glass, John I.
; APPLICANT: Heiner, Cheryl R.
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHOD FOR DETECTING UREAPLASMA
; FILE REFERENCE: UAB-13452/22
; CURRENT APPLICATION NUMBER: US/09/601,198
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/073,189
; NUMBER OF SEQ ID NOS: 181
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 156
; LENGTH: 1785
; TYPE: DNA
; ORGANISM: Ureaplasma urealyticum
; US-09-601-198-156

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Query Match 2.1% Score 47; DB 4; Length 1785;
 Best Local Similarity 46.5%; Pred. No. 0.062;
 Matches 152; Conservative 0; Mismatches 175; Indels 0; Gaps 0;

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QY 1613 TGAATGATAGTACTTAGCAGTTGCTAAATCTGTGAAATACGCTCAAGATTAATC 1672
DB 476 TCAAGATGATGTTGAGCAAAATGTTCCATATATTAAGCCGTGTTATGTTTATC 417
QY 1673 CTCACAGCTAAGTACCTGATTTCTTTATTCGAATTAACATTAATTCATCTCTTA 1732
DB 416 CCCAAGAAAGAAATTTGGTGAATTAATGATGATTAATTAATTAATTAATTAATCAG 357
QY 1733 TTGAACTCAGTGGCAGTCCAGAAAGATTAAGTGAATTAATTCGTATGAGATAAAG 1792
DB 356 ATGTTTTCATATTAATTAAGAAAGATTAATTAACCTTAATTAATTAATTAATTAATCA 297
QY 1793 AAGTATACCTGTAACCTCAATTAATTAATTAAGAAAGAAACGCTGACTGTTAGCTGTG 1852
DB 296 AAGATGATTCAGCAACAGATGTTTCAAAATTAAGAAAGCTTAATTAATTAATTAATC 237
QY 1853 ACAGACTTAAGATTTCCATTTTGAATTTGAATTAATAAATTAATTAAGCAAGATTCCTT 1912
DB 236 ACCTTAATTAATTAATTAAGAAAGATTAATTAATTAATTAATTAATTAATTAATTAAT 177
QY 1913 CTCAACTGTTAAACAGATTAACAA 1939
DB 176 ATTAACAGATTAAGCTGAANA 150

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RESULT 9
 US-09-601-198-61/c
 ; Sequence 61; Application US/09601198
 ; Patent No. 6531583
 ; GENERAL INFORMATION:
 ; APPLICANT: Cassell, Gail H.
 ; APPLICANT: Chen, Ellison Y.
 ; APPLICANT: Glass, Jennifer S.
 ; APPLICANT: Glass, John I.
 ; APPLICANT: Heiner, Cheryl R.
 ; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHOD FOR DETECTING UREAPLASMA
 ; FILE REFERENCE: UAB-13452/22
 ; CURRENT APPLICATION NUMBER: US/09/601,198
 ; PRIOR FILING DATE: 2000-12-08
 ; PRIOR APPLICATION NUMBER: 60/073,189
 ; PRIOR FILING DATE: 1998-01-30
 ; NUMBER OF SEQ ID NOS: 181

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RESULT 11
US-08-916-421B-1/c
: Sequence 1, Application US/08916421B
: Patent No. 6503729
: GENERAL INFORMATION:
: APPLICANT: Bult et al.
: TITLE OF INVENTION: Complete Genome Sequence of the Methanogenic Archaeon, Methanocaldococcus jannaschii
: Patent No. 6503729
: TITLE OF INVENTION: jannaschii
: FILE REFERENCE: PB275
: CURRENT APPLICATION NUMBER: US/08/916,421B
: CURRENT FILING DATE: 1997-08-22
: PRIOR APPLICATION NUMBER: US 60/024,428
: PRIOR FILING DATE: 1996-08-22
: NUMBER OF SEQ ID NOS: 3
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 1
: LENGTH: 1664976
: TYPE: DNA
: ORGANISM: Methanococcus jannaschii
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (28222)..(28222)
: OTHER INFORMATION: n equals a, t, c, or g
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NAME/KEY: misc_feature
LOCATION: (1637998)..(1637998)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1664854)..(1664854)
OTHER INFORMATION: n equals a, t, c, or g
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Query Match

2.1% Score 46.8; DB 4; Length 1664976;

Best Local Similarity 45.8%; Pred. No. 0.58;
Matches 162; Conservative 0; Mismatches 192; Indels 0; Gaps 0;

OY	1871	TTTTTGAATGTAATAAAAAAATAATAGCAGAATTCGTCTCTCAACTGGTAAACAG	1930
Db	281149	ACTATGATTAATATTATCTACTAATTAATATTAATCTCTCAATTTTTAGATATTAATTATA	2810950
OY	1931	ATAAAACAACCTCGAATTTTAAAGTGTAAAGCAACCTTAATTTTAAAACATGGGGAAA	1990
Db	281089	TTAGAACACAGCTGTAAAAATAGGAAATATTATTAATTTGGAAGATTAAATATAGGGGTAGG	2810350
OY	1991	GTTTAACACCTTCAAGCTTTACCAGAAGTGTTATCTTACCTGTGCAAAGAAACAGATTCGG	2050
Db	281029	CATTAATATCTTAAAACATTAACCTTAAGGTGGAACATATGAAATTTGGATGGCTTAATGTTA	2809707
OY	2051	AAGCCTATAGGTTAAAGTTAATAGCCAGAAGATGCCAATGCTCACGTTTCAAAAAACAG	2110
Db	280969	TTGGGATATACCTGGGACAGAAAAAGAAAGATAGTAAACAACACATATAGAGTCATCAATCC	280910
OY	2111	GATPACACAAGTATGATAGACACTTCGTTTGAANAATAATNAAGCCTGTGTTCCACAG	2170
Db	280909	CAGTAGTGTGTCTACACCAAGAGATATTGAAAAAATTAAAGNACTTGGAAATATTAAAG	280850
OY	2171	GAGTTGATCAAAGAATCAATAGGCTATCTAGCTTTGATAGTTATTCGCTGGTATCA	2224
Db	280849	TTCGCTCCCATCTCTTAGACAGCGGATATTGTTTGTAAATAAAAATGACACA	280796

RESULT 12
US-09-417-485D-5

```

1  GENERAL INFORMATION:
2  APPLICANT: Long, David M.
3  APPLICANT: Metz, Anneke M.
4  APPLICANT: Love, Ruschelle A.
5  TITLE OF INVENTION: Telomerase Reverse Transcriptase (TERT) Genes
6  FILE REFERENCE: 47714-5009-US
7  CURRENT APPLICATION NUMBER: US/09/417,485D
8  CURRENT FILING DATE: 2002-06-14
9  NUMBER OF SEQ ID NOS: 49
10 SOFTWARE: PatentIn Ver. 2.1
11 SEQ ID NO 5
12 LENGTH: 10640
13 TYPE: DNA
14 ORGANISM: Plasmodium falciparum
15 FEATURE:
16 NAME/KEY: CDS
17 LOCATION: (834)..(7385)
18 OTHER INFORMATION: TERT gene
19 FEATURE:
20 NAME/KEY: unsure
21 LOCATION: (1821)..(1837)
22 OTHER INFORMATION: m at position 1821 = a or c; w at position 1837 =
23 OTHER INFORMATION: a or t. Xaa (amino acid) at position 330 = Leu or
24 OTHER INFORMATION: Ile; Xaa at position 335 = Asp or Gly.
25 OS-09-417-485D-5

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QY 1863 AGATTTCATTTGAAATTCGAATTAATAAATAACGACGAATTCGTTCTCAACTGT 1922
 Db 200 ATTTAAGAAATAATAAAGATGATCTATATAATAATGGAAAGAAAGTTATGCTCATATTA 259
 QY 1923 TAAACACGATTAACCAAACTCGAATTTAAAGATGATAACGACCACTTAATT 1975
 Db 260 GAAATAAATAATATCAAAAGTATGATGAAAAAGTAAGATATATATTAATT 312

RESULT 13
US-08-973-462-2
; Sequence 2, Application US/08973462B
; Patent No. 6191270

```

? GENERAL INFORMATION:
? APPLICANT: DRULHE, PIERRE
? APPLICANT: DAUBERSIES, PIERRE
? TITLE OF INVENTION: MALARIAL PRE-ERYTHROCYTIC STAGE POLYPEPTIDE MOLECULES
? FILE REFERENCE: 0660-0125-0 PCT
? CURRENT APPLICATION NUMBER: US/08/973.462B
? CURRENT FILING DATE: 1998-02-06
? EARLIER APPLICATION NUMBER: PCT/FR96/00894
? EARLIER FILING DATE: 1996-06-12
? EARLIER APPLICATION NUMBER: FR 95/07007
? EARLIER FILING DATE: 1995-06-13
? NUMBER OF SEQ ID NOS: 29
? SOFTWARE: PatentIn Ver. 2.0
? SEQ ID NO 2
? LENGTH: 5361
? TYPE: DNA
? ORGANISM: P. falciparum
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (1)..(5361)
US-08-973-462-2

Query Match      2.0%: Score 46.4; DB 3; length 5361;
Best Local Similarity 40.9%: Pred. No. 0.12;
Matches 435; Conservative 0; Mismatches 626; Indels 3; Gaps 1;

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Db 4229 AACATATATAGTGTATGCCATATATAAGGTTTGGAGAGAGATGATTAGAGAAG 4288
Oy 1652 AATACGCTCAAGATAGTATATCTCCACAGCTACTGACCTTGATTTCTTTATCCGATA 1711
Db 4289 TAGATGATTATTAAGGAAGTATATAGCATGTTAAAGGAGATATGGAATTAGGGGATA 4348
Oy 1712 ACAATTAATATCAATCTCTTATTTGGAACTCAGTGCATCCAGAGATTTAGTTGATTTA 1771
Db 4349 TGCATTAAGGAAGTTTAGAAGATGTACACAAAACCTTGAGAAAGCTTAATCTTTAA 4408
Oy 1772 TTCGTATGAGAGATTAAGAAAGATTTATCCTGTACTCATTAATTTAATTTAGAGAAA 1831
Db 4409 AAGATGTTTATCTAGTGCATTTAGCATAGATGATGAAGAACAAATGAAACAAAGAAAAAG 4468
Oy 1832 CGGTGACTGTTTACGTGTGTACAGAACTTAAGATTTTCATTTTGAATTTAATTAATA 1891
Db 4469 CTCAAGACCTTAAGTTGGAAAGATATTTATTAAGAAAGAGTTTAAAGAACCCAAAGA 4528
Oy 1892 ATATAAGCAAGATTTGCTTTCTCAAACTGTTAAACGATTAACAAACCTCGAATTTA 1951
Db 4529 AAAAAATACAAAAAGAACTAAGCTTTGATATTTAAGATTAAGAACCAAAAGATGAAA 4588
Oy 1952 AAGATGTAAGCAACCTTAATTTAAACATGGGAAAGTTTAAACCTTCAGGTTTAC 2011
Db 4589 TAGTAGAAGTTGAATGAAAGATGAAGATATAGAAGAGATGTGAAGAACATATAGAG 4648
Oy 2012 CAGAGGTTATTTCTTACCTGTCAAGAAACAGATTTGAAAGCTATATAGTTAAAGTTA 2071
Db 4649 AAGATATAGAAAGATTAAGTTAAGATATAGATATAGATATATAGATATATAGGTG 4708
Oy 2072 ATAGCCAGAGTAGCAAAATGCTACAGTTTCAAAAACGAAATTAACAGATGAGACAC 2131
Db 4709 AAGCAAAAGATGAAGTTTATAGATTTATAGTCCAAAAAGAGAAAGCGCTTGAAGGTTA 4768
Oy 2132 TTGCTTTTGAATAATATAAGAGCCGTGTTGCTTACAGAGTT 2175
Db 4769 AAGCGAAAAAGAAAAAATTAGAAAAAAGGTTGAAGAGGTGT 4812

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RESULT 14
US-08-973-462-1
: Sequence 1, Application US/08973462B
: Patent No. 6191270
: GENERAL INFORMATION:
: APPLICANT: DRUTHE, PIERRE
: APPLICANT: DAUBERSTES, PIERRE
: TITLE OF INVENTION: MALARIAL PRE-ERYTHROCYTIC STAGE POLYPEPTIDE MOLECULES
: FILE REFERENCE: 0660-0125-0 PCT
: CURRENT APPLICATION NUMBER: US/08/973.462B
: EARLIER FILING DATE: 1998-02-06
: EARLIER APPLICATION NUMBER: PCT/FR96/00894
: EARLIER FILING DATE: 1996-06-12
: EARLIER APPLICATION NUMBER: FR 95/07007
: EARLIER FILING DATE: 1995-06-13
: NUMBER OF SEQ ID NOS: 29
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 1
: LENGTH: 6152
: TYPE: DNA
: ORGANISM: P. falciparum
US-08-973-462-1

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Query Match 2.0% Score 46.4; DB 3; Length 6152;

Best Local Similarity 40.9%; Pred. No. 0.13; Mismatches 626; Indels 3; Gaps 1;

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Matches 435; Conservative 0; Mismatches 626; Indels 3; Gaps 1;
Oy 1115 TTATTGATGCAAAACAGATTGCAAAATCCCAATAAGAGATAGTAGAGCTTACTAGTAG 1174
Db 3993 TAAATGAGTAGAAGCAAGATTTAATAAAGATATGCAAAAAATTTAAAGCAATTTAGAAAA 4052
Oy 1175 AAGCATATATGATTTTGAAGCAATTTAGCGTTTAACTACCAAAAACATGACAAAATTTT 1234

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Db 4053 CATTATCAGAGATTCCTTAAGAAATATATAGATGCAAAAAGATGATATACATTAGAAAAAGTTA 4112
Oy 1235 ATTATGCAAAAAATTAATAATGGAACTTACAGGTTGTCTATTTGCTTTAATACATCTAA 1294
Db 4113 TTGAAGAGAACATGATATTAACGACGAGCTGGATGAAGTTGTAGAAATTAAGAGATGCG 4172
Oy 1295 AATCTCCACCGACTCTGAAGATGTGGGAAACAACTGACCTCCAGCTTTCAACAGAG 1354
Db 4173 AAGCAAGACAAATGCAAAAAGATATCTGATTTAAAAAGATCTTGAAACAGATATATTTAAAG 4232
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Oy 1712 ACAATTAATATCAATCTCTTATTTGAACTCAGTGCATCCAGAGATTTAGTTATATTA 1771
Db 4593 TGCATTAAGCAAGTTTAGAAGATTAACACAAACTTGAGAAAGAGTTGAAATCTTTAA 4652
Oy 1772 TTGCTATGGAAGATTAAGAAAGATTTATCTGTATCAATATTTAATTTAATTTGAGAAA 1831
Db 4653 AAGATGTTTATCTAGTGCATTAAGCAATGATGAAGAACAAATGAAACCAAGAAAAAG 4712
Oy 1832 CGGTGACTGTTTAAAGCTGTGAGAACTTAAGATTTCCATTTTGAATTTGAATTTAAAA 1891
Db 4713 CTCAAGAGCTTAAGTTGAGAAAGATATTTTAAAAAGAGAGTTAAAGAACCAAGAAA 4772
Oy 1892 ATAAATAGCAAGATTTGCTTTCTCAAACTGTTAAACAGATTAACAAACCTCGAATTTA 1951
Db 4773 AAAAAATTAACAAAAAGAAAGTAAAGGTTTGAATTTAAGATTAAGAAACCAAAAGATGAA 4832
Oy 1952 AAGATGTAAGCAACCTTAATTTAAACATGGGAAAGTTTAACACTTCAAGGTTTAC 2011
Db 4833 TAGTAGAAGTTGAATGAAGATGAAGATATAGAAAGAGATGTGAAGAAAGATATAGAG 4892
Oy 2012 CAGAAAGTTATCTTACCTGTCAAGAAAGACAGATTTGAGAGCTATTAAGTTAAGTTA 2071
Db 4893 AAGATATAGAAAGATTAAGTTGAGATATAGATATAGATATAGATATAGATATAGCTG 4952
Oy 2072 ATAGCCAGAGTAGCAAAAGTCTACAGTTTCAAAAACGAGATTAACAGATGATAGACAC 2131
Db 4953 AAGCAAAAGATGAAGTTATAGATTTAATAGTCCAAAAAGAAAGCAATTTGAAAAAGTTA 5012
Oy 2132 TTGCTTTTGAATAATATAAGAGCTGTGTTGCTTACAGAGAGT 2175
Db 5013 AAGCGAAAAAGAAAAAATTTGAAAAAAGGTTGAAGAGGTGT 5056

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RESULT 15
US-09-491-785-1
: Sequence 1, Application US/09491785
: Patent No. 6316211
: GENERAL INFORMATION:
: APPLICANT: Zalacain, Magdalena

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